



Roanoke County Police Department

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Services
Division

October 1, 2001



Mr. N. Jerry Simonoff, Chairman
C/O Commonwealth of Virginia
Virginia Wireless E-911 Services Board
Richmond Plaza Building, Suite 135
110 South Seventh Street
Richmond, VA 23219-3931

Dear Mr. Simonoff:

Please find attached our funding request for reimbursement for our E-911 wireless services. This request is based on the cost of recovery guidelines and formulas provided by the E-911 Wireless Services Board. We have included all costs associated with the operation of Phase I of wireless E-911. Do not hesitate to call me if you have any questions or if I can be of further assistance. I can be reached at (540) 561-8035.

Sincerely,

A handwritten signature of Patrick Shumate is located below the "Sincerely," text.

Patrick Shumate
Chief Communications Officer
Roanoke County Police Department

Wireless E-911 PSAP Funding FY 2003 Request/Report Worksheet

PSAP: County of Roanoke, Virginia Total Request : \$ 86,609.00

Date: September 20, 2001 Total Actual: \$ _____

Difference: \$ _____

Call load data:

Description	Last 12 months	Estimated	Actual
Total telephone calls handled by PSAP	166,594	166,594	
Total 911 calls handled by PSAP	25,645	25,645	
Total wireless 911 calls handled by PSAP		13,524	

Equipment Dedicated to Wireless E-911:

Description	Estimated Cost	Actual Cost
Total Equipment Dedicated to Wireless E-911		

Shared Equipment:

Description	Estimated Cost	Actual Cost
Monthly Recurring 9-1-1 telephone equipment	\$75,480.00	
Total Shared Equipment for Formula below	\$75,480.00	

Formula

$$\frac{\text{Total Wireless Calls}}{\text{Total Calls Received by PSAP}} \times \text{Equipment Cost} = \text{Amount of Funding}$$

Estimated

Actual

$$\frac{13524}{166594} \times \$75,480.00 = \$6,128.00$$

$$X \quad =$$

Local Exchange Carrier (LEC) Costs:

Description	Estimated Cost	Actual Cost
Four (4) Wireless 9-1-1 Trunks, Monthly Charges	\$4,032.00	
Total LEC Costs	\$4,032.00	

PSAP: County of Roanoke, Virginia**Personnel Costs:**

Description	Estimated Cost	Actual Cost
Salaries and Benefits for 29 Dispatchers	\$931,053.00	
Personnel Training Costs	\$10,675.00	
Total Personnel Costs for Formula below	\$941,728.00	

		<i>Formula</i>		
$\frac{\text{number of wireless 911 calls}}{\text{total number of telephone calls}}$	X	personnel cost of call takers and dispatcher	=	amount of funding
<i>Estimated</i>			<i>Actual</i>	
13524	X	\$941,728.00 = \$76,449.00	X	=
166594				

Total Request:

Shared Equipment	\$6,128.00
Local Exchange Carrier Cost	\$4,032.00
Personnel Costs	\$76,449.00
Total Request	\$86,609.00